

epoA epoB epoC epoD epoE epoF epoK

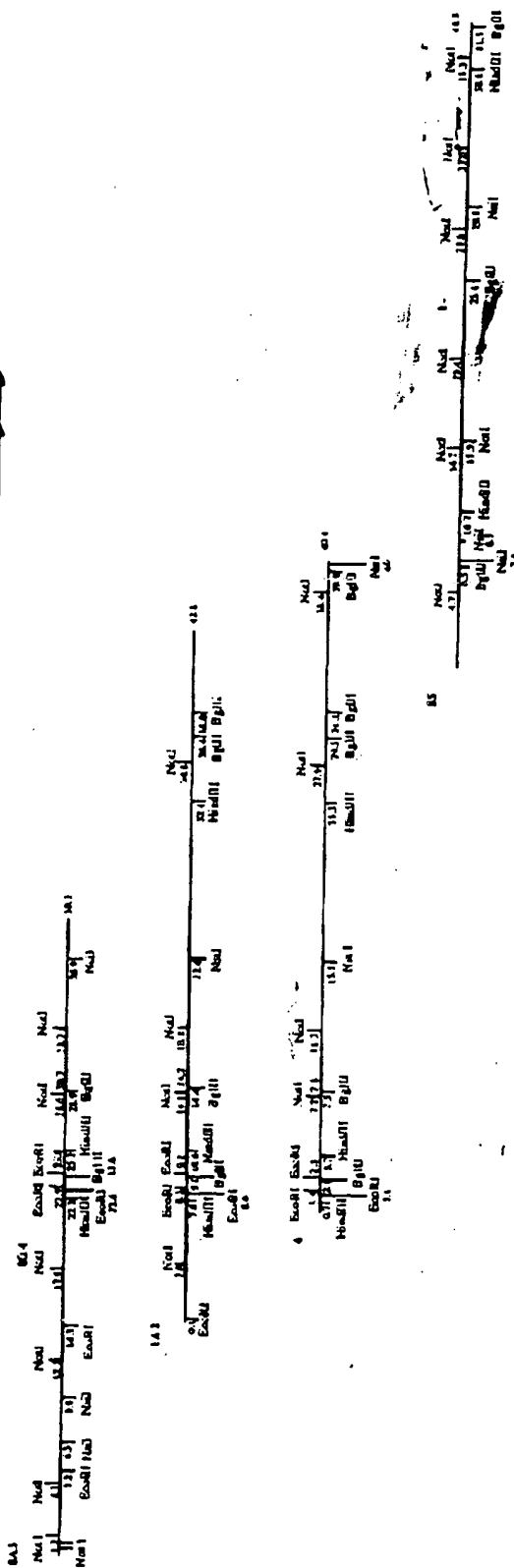
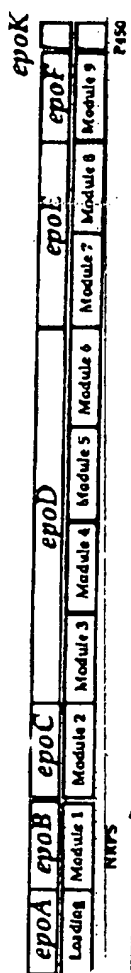
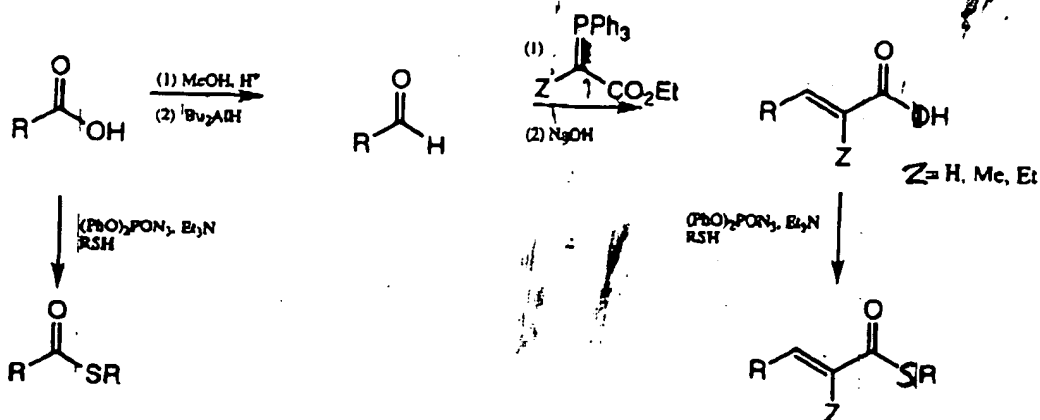


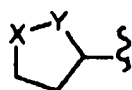
Figure 1

Figure 2

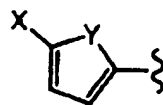
Alternative Primers for Biosynthetic Epothilone Analogs



R =



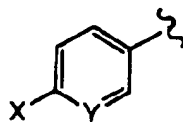
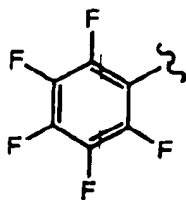
X = CH_2, O, S
Y = CH_2, O, S



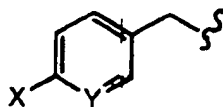
X = H, Me, Et, CH_2OH , Br
Y = O, S



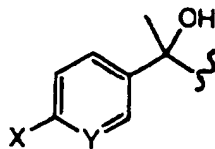
X = H, Me, Et, Br, OH
Y = NH, O



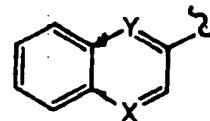
X = $NO_2, CN, Me, O-alkyl, halo, etc.$
Y = CH, N



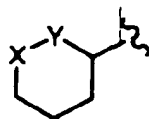
X = $NO_2, CN, alkyl, aryl, halo, O-alkyl, etc.$
Y = CH, N



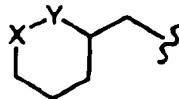
X = $NO_2, CN, alkyl, aryl, halo, O-alkyl, etc.$
Y = CH, N



X = CH, N
Y = CH, N

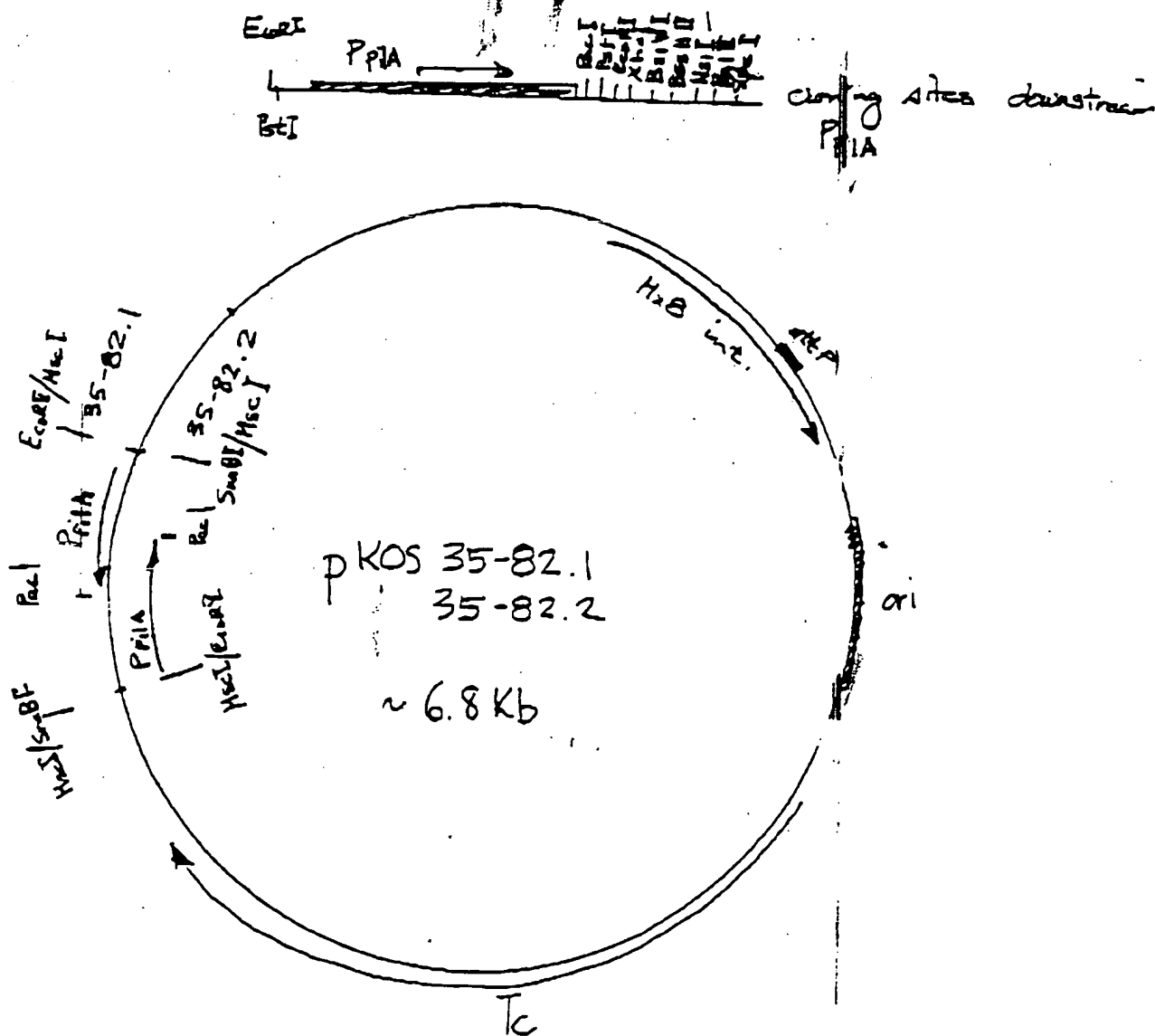


X = $CH_2, O, S, NH, N-alkyl, N-aryl$
Y = $CH_2, O, S, NH, N-alkyl, N-aryl$



X = $CH_2, O, S, NH, N-alkyl, N-aryl$
Y = $CH_2, O, S, NH, N-alkyl, N-aryl$

Figure 3



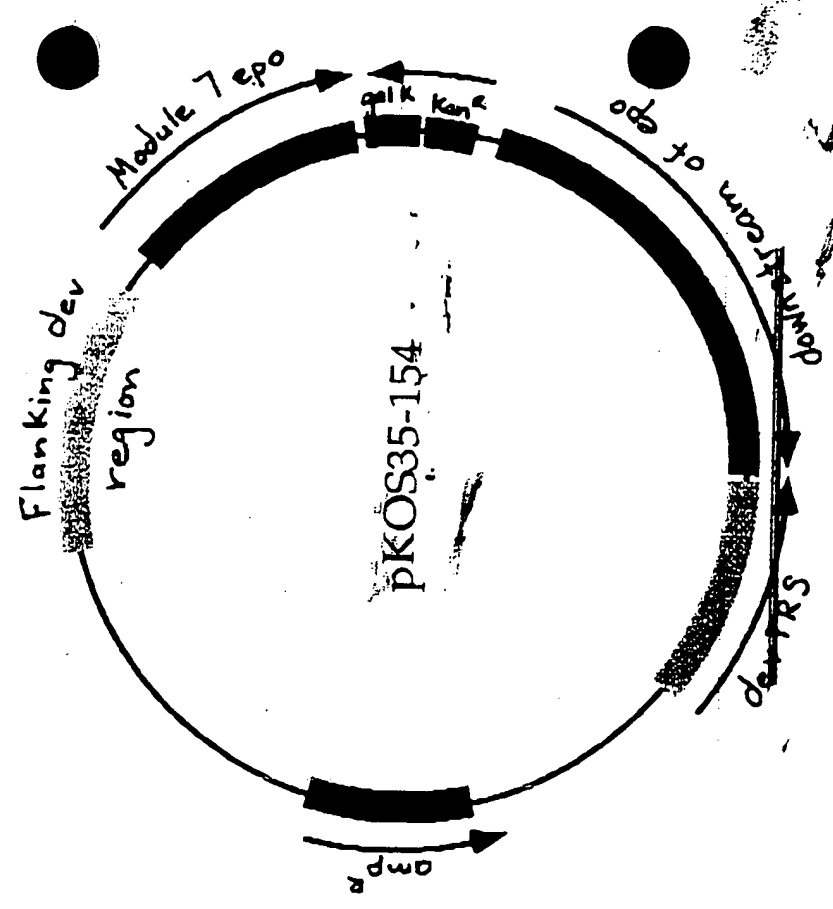
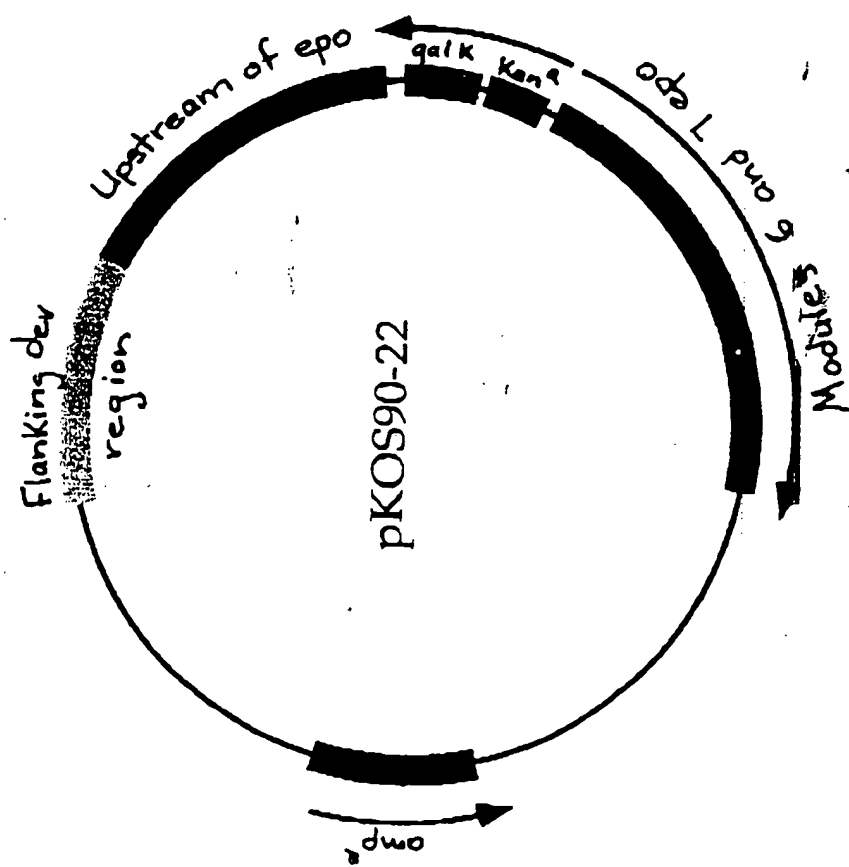


Figure 4

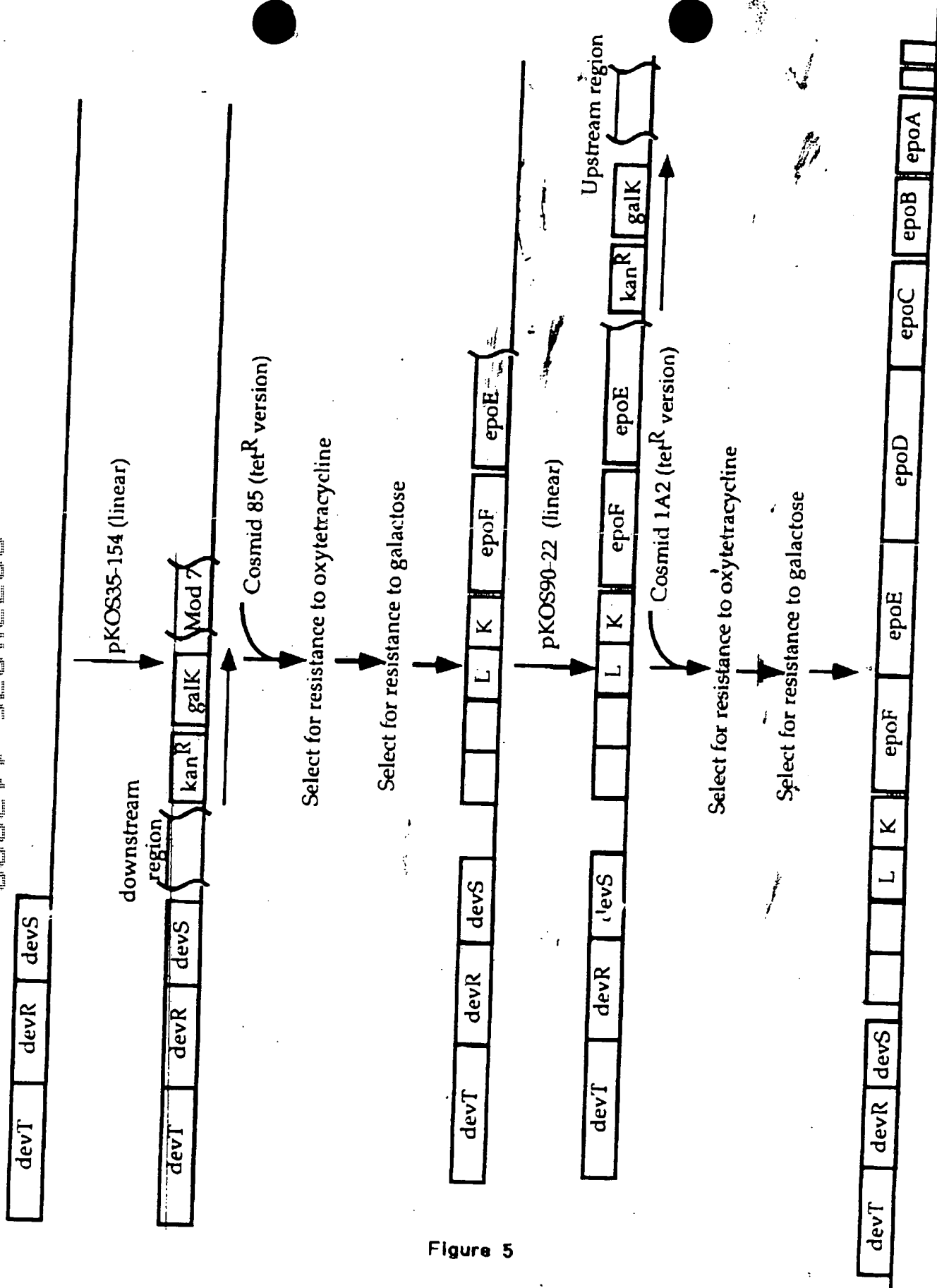
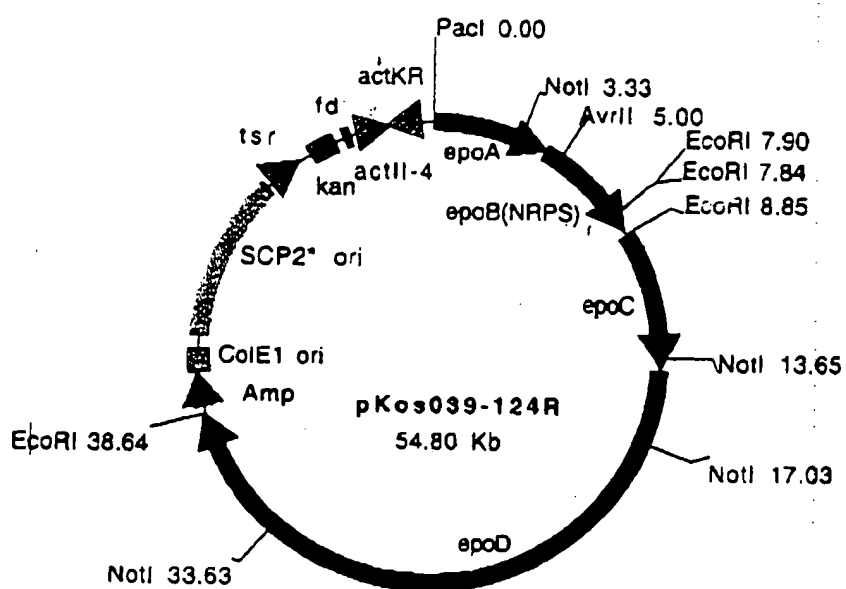
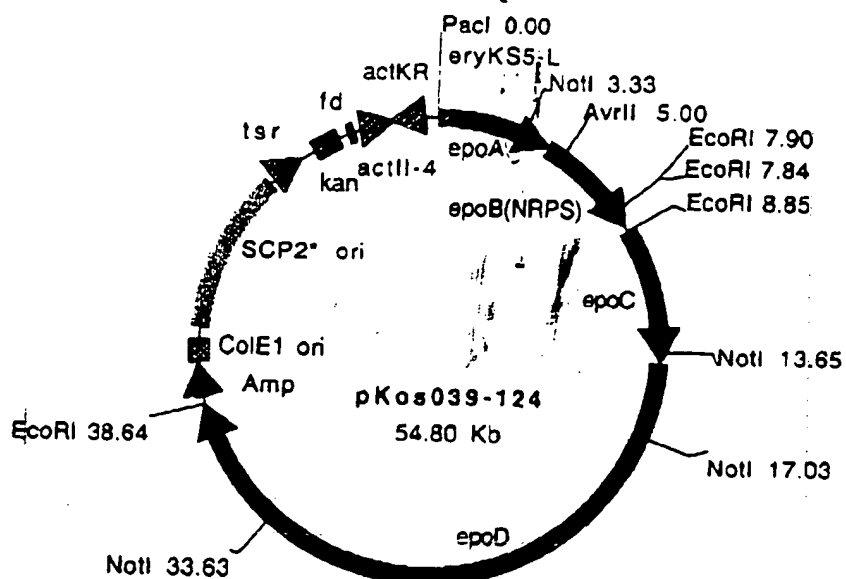


Figure 5

Figure 6



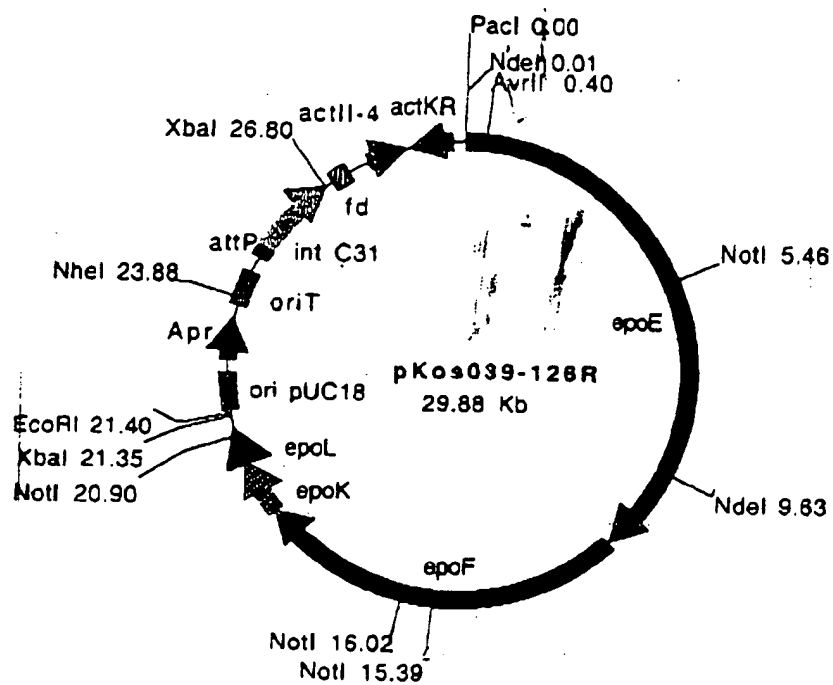


Figure 7

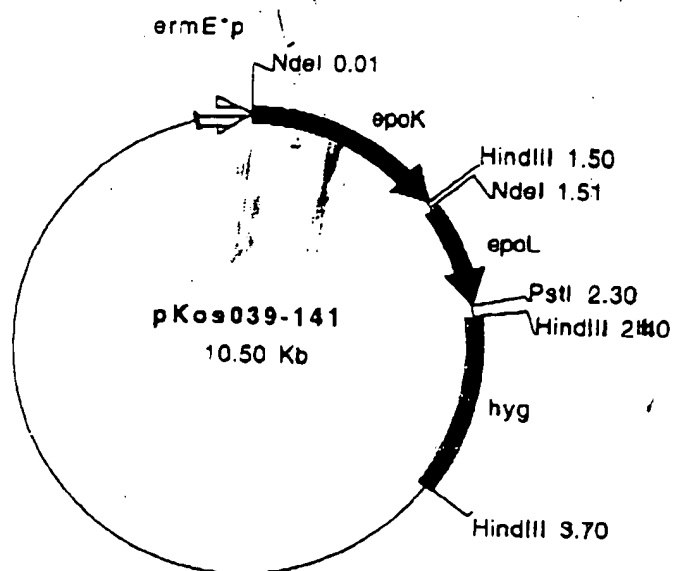
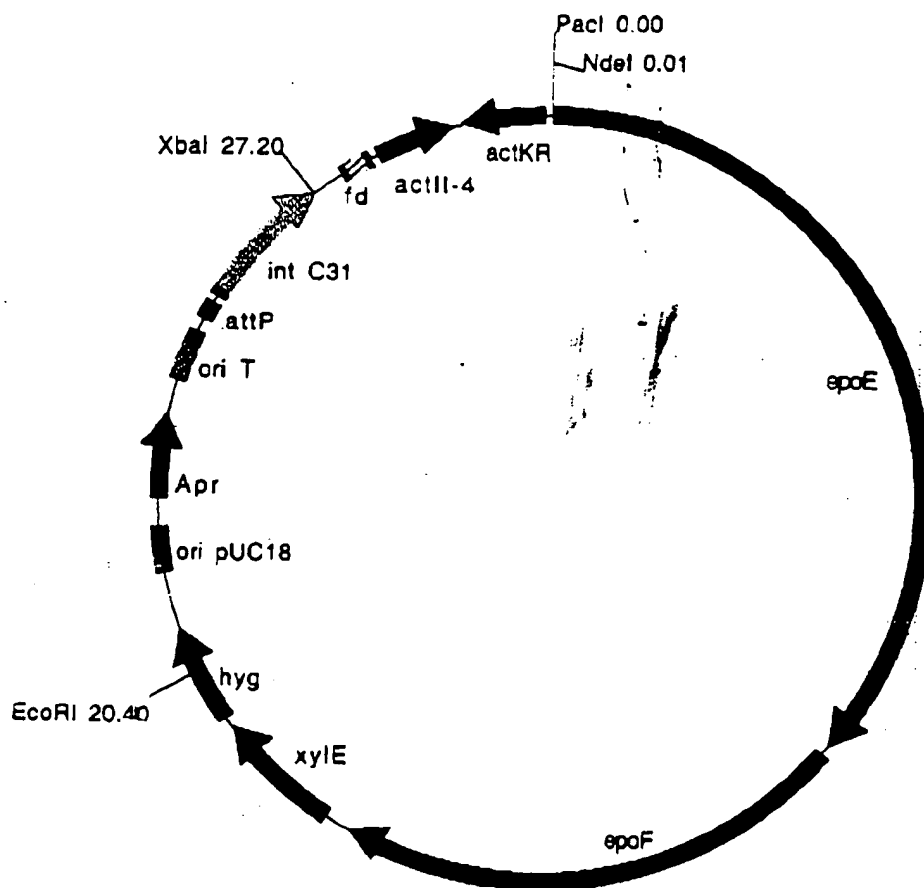


Figure 8



pKos045-12
30.40 Kb

Figure 9